Conceptual Design Principal Design Representing X.500 in a RDBMS Implementing X.500 in a RDBMS -data extensibility and complexity -attributes and values -object orientated and hierarchical -hierarchy and names -aliases -data tolerance **HIERARCHY** Alias emp# salary **EID** Name age name **Parent** Relational value syntax type **Parent** Path X.500 Alias A-EID **PROPERTY** object value parent type syntax name name Name Norm Name Raw **OBJECT** EID VID **AID Disting** value Name Norm Name Raw **ATTRIBUTE** Object ID EID **Syntax** Type

FIG. 1a

service decomposition

functional decomposition -

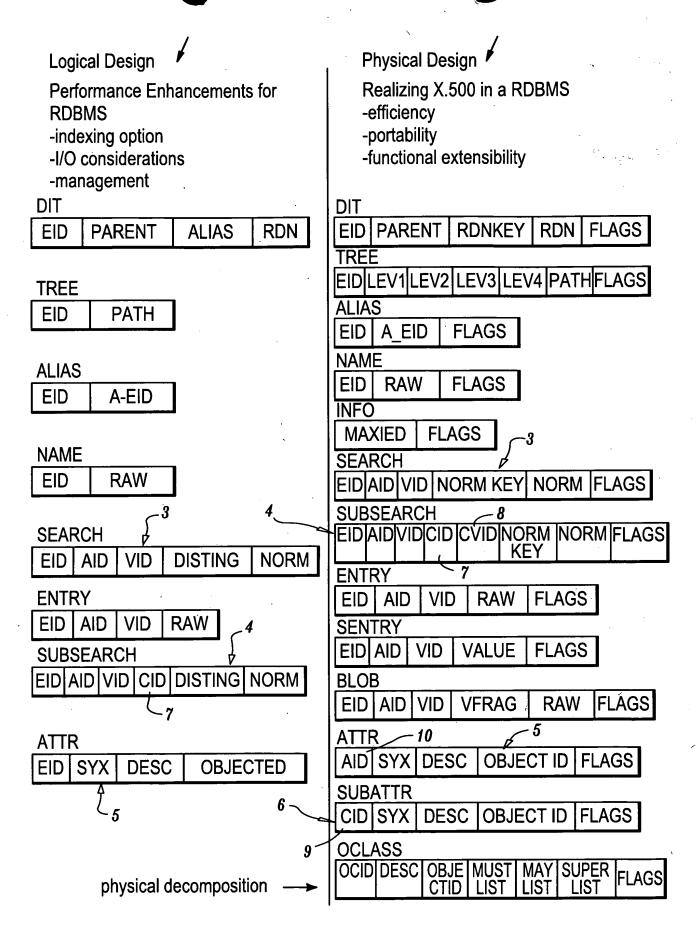


FIG. 1b

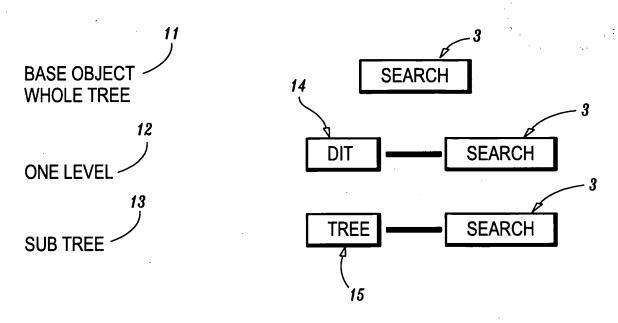


FIG. 2

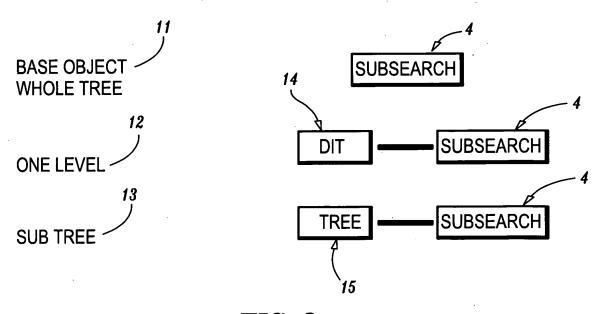


FIG. 3

- Certificate 20

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Issuer

1-2-2000

Validity

1234

Serial

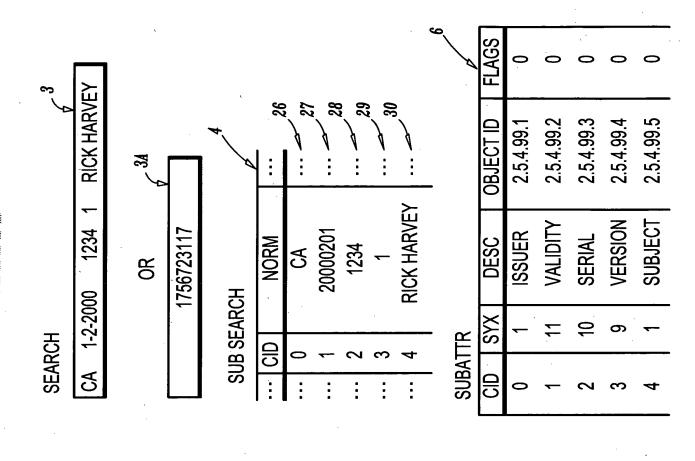
52

rick harvey

Subject

24

Version



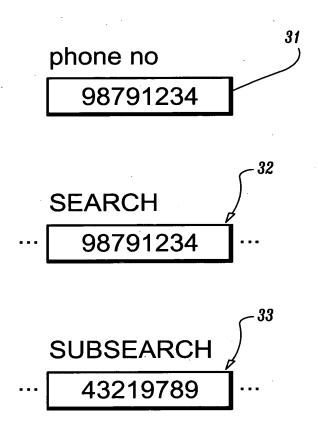


FIG. 5